

MG Steven Boutelle

October 10, 2002

Director, Information Operations, Networks and Space, Army CIO/G6



MG Steven Boutelle

October 10, 2002

Director, Information Operations, Networks and Space, Army CIO/G6

Environment & Relevancy

West Point, New York

June 1, 2002

"The greatest danger to freedom lies at the <u>crossroads</u> of radicalism and technology. When the spread of chemical, biological and nuclear weapons, along with ballistic missile technology - - when that occurs, each weak state and small group could attain the catastrophic power to attack great nations...

George W. Bush President of the United States





Afghanistar











The Challenge

"Our response must take full advantage...innovation in the use of military forces, modern technologies, including the development of an effective missile defense system and increased emphasis on intelligence collection and analysis."

George W. Bush



Build better, more integrated intelligence capabilities to provide timely, accurate information on threats, wherever they may emerge

Transformation

Army Of Excellence (AOE) Division







"Begin immediately to transform the entire Army... jumpstart process by investing in today's off-the-shelf technology to stimulate development of doctrine, organizational design and leader training as we search for new technologies for the objective force."

CSA - 1999

Objective Force

The Four Critical Processes....

Data – Raw material

Information – Formed from Data

"...how you gather, manage and use information will determine whether you win or lose." -- Bill Gates



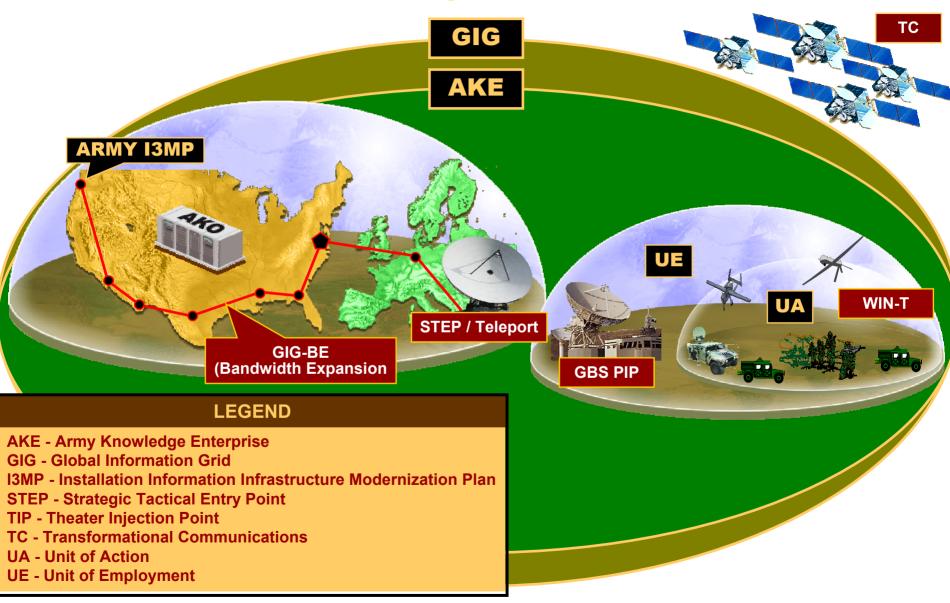
<u>Knowledge</u> – Extracted from Information Information in itself does not ensure decision superiority.

Intelligent Action - Results from Knowledge

"An organization's ability to learn and translate that learning into action rapidly is the ultimate competitive advantage." -- Jack Welch



Transforming the Infostructure for the Objective Force



Army - Installation Information Infrastructure Modernization Program (I3MP)

Today

- Old Copper
- Analog, Aging Switches
- Limited Growth Ability

Fixes the Last Mile at Installations



2003 - 2009

- Fiber or New Copper
- Latest Digital Switches
- Latest network equipment for highspeed data
- Upgrade Gateways to DISN/GIG-BE

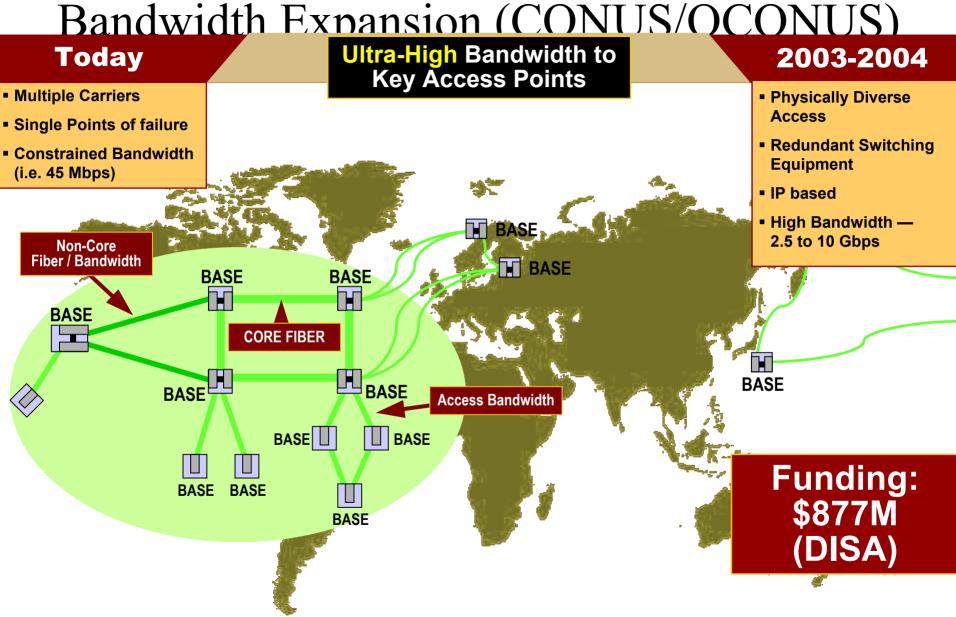
Funding: \$3.2B (Army)

Includes Stryker Installations

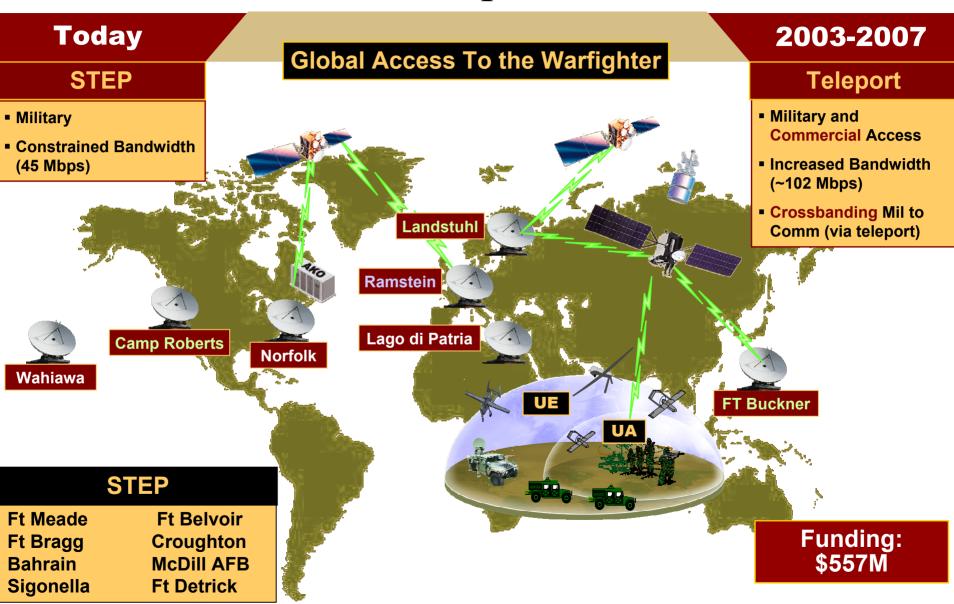


- CONUS Completed 22 of 95 Installations (95 funded in POM)
- EUCOM Started 2 (Camp Ederle & Wiesbaden) of 118 (54 funded in POM)
- PACOM Started 2 (Yongsan & Camp Red Cloud) of 50 (14 funded in POM)

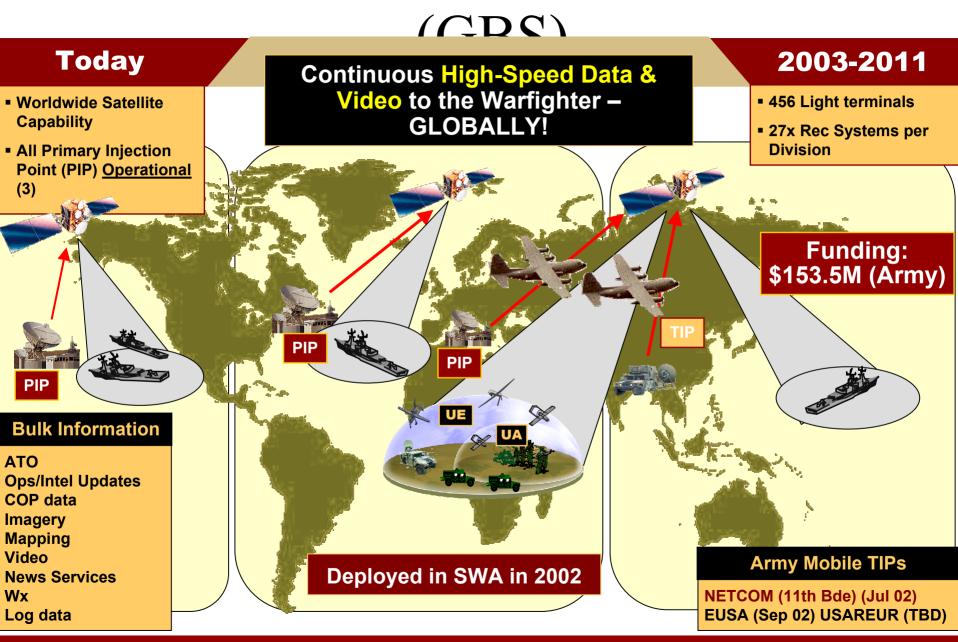
Global Information Grid (GIG)



Teleport

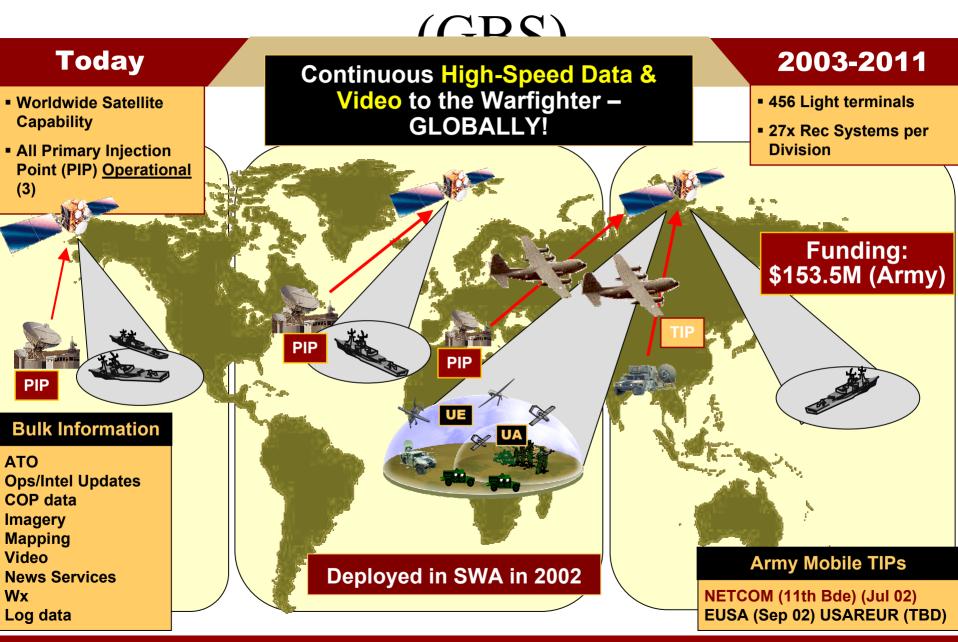


Global Broadcast Service



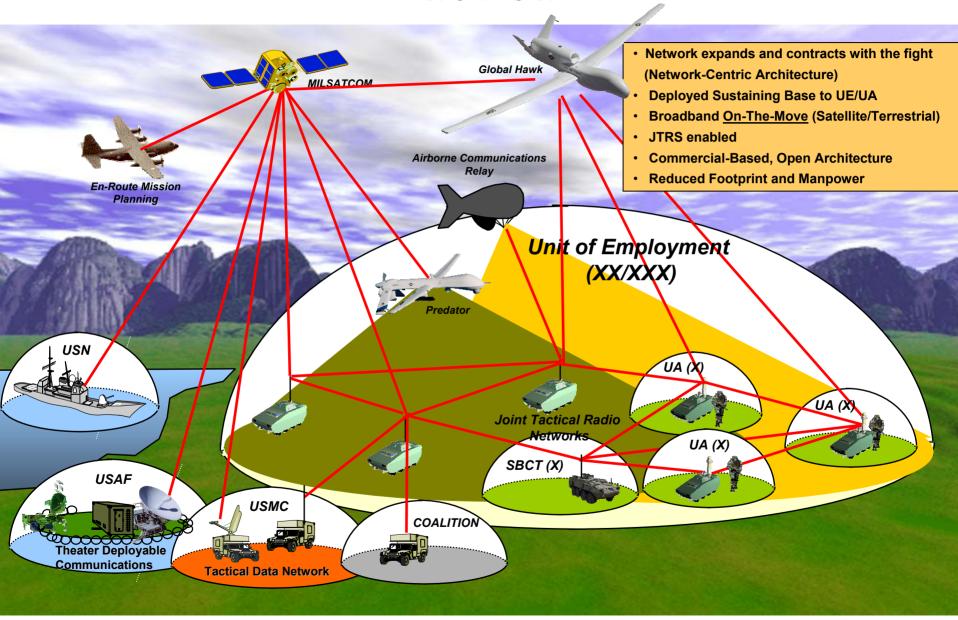
Enablers for Future Combat System and Objective Force

Global Broadcast Service



Enablers for Future Combat System and Objective Force

Tactical



Information Customer

Industry, Services and Agencies <u>must</u> leverage the "Enterprise"



Intelligence

Technology

Asymmetric Environment



Summary

"A little knowledge that acts is worth infinitely more than much knowledge that is idle."
- - Khalil Gibran, The Prophet



We cannot be content with half-knowledge.